

for economy...

MESKER

PREFABRICATED
SECTIONAL TYPE

steel buildings

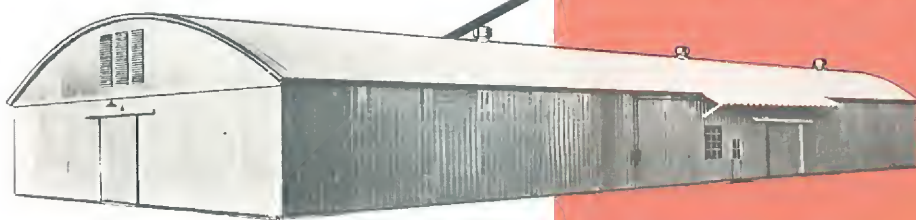


for endurance

Geo. L. Mesker Steel Corp.

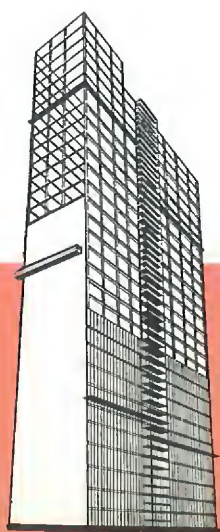
EVANSVILLE
INDIANA

A JOB FOR EVERY



Buildings are designed, fabricated and pre-assembled in accordance with American Institute of Steel Construction Specifications. Standard buildings are designed to withstand a total dead and live roof load of 25 pounds per square foot and a wind load of 15 pounds per square foot on sidewalls, rigidly braced in all directions to comply with best engineering practice and methods.

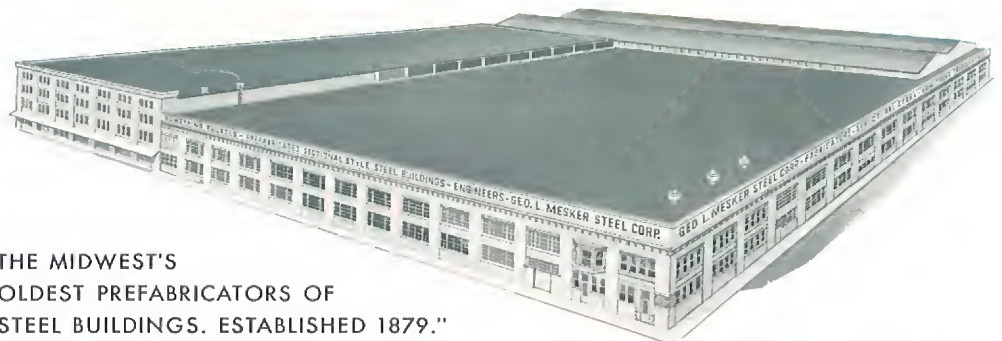
Special loadings, compliance with building codes, and unusual wind conditions, when essential, can be incorporated into any standard building design.



A BUILDING

BUILDING ...

MESKER PREFABRICATED SECTIONAL TYPE STEEL BUILDINGS



"THE MIDWEST'S
OLDEST PREFABRICATORS OF
STEEL BUILDINGS. ESTABLISHED 1879."

ARE MADE FOR YOUR SPECIFIC NEEDS

Mesker Buildings are designed in multiples of even two foot dimensions; in widths beginning at 6' 0" and in any width desired; in height beginning at 8' 0" up to and including 30' 0" and in any length of even feet desired. Size, quantity and location of windows and doors are optional.

Standard dimensions of buildings can be modified in arrangement to suit your particular needs as illustrated on Page 2. A flexibility no other type steel buildings have.

Mesker buildings are completely fabricated prior to shipment; even the roof sheets are properly punched for roof clips prior to shipment; no field punching of any kind is required. Not just so many bundles, crates and kegs of material, like so many other misnamed prefabricated buildings, which must be partially fabricated on building site.

Wall sections are shipped in factory completed units, ready to set in place. (See pages 9, 10 and 11.)

"WHEN YOU NEED IT—WHERE YOU NEED IT!"

FOR EVERY JOB ...

STEEL IS THE SYMBOL OF STRENGTH



STEEL HAS THE ABILITY TO MEET EVERY KIND OF STRESS, OR A COMBINATION OF ALL OF THEM, WITH MORE STRENGTH THAN IS POSSESSED BY ANY OTHER MATERIAL OF EQUAL MASS.



Framework of buildings are rolled steel sections, conventional angles, channels and H columns are used throughout. (No pressed sheet steel sections.)

All roofing and sidewall sheets are No. 24 gauge commercial grade galvanized sheets, hot galvanized for strength and long life. Sidewall sheets are factory applied to steel framework with aluminum rivets.



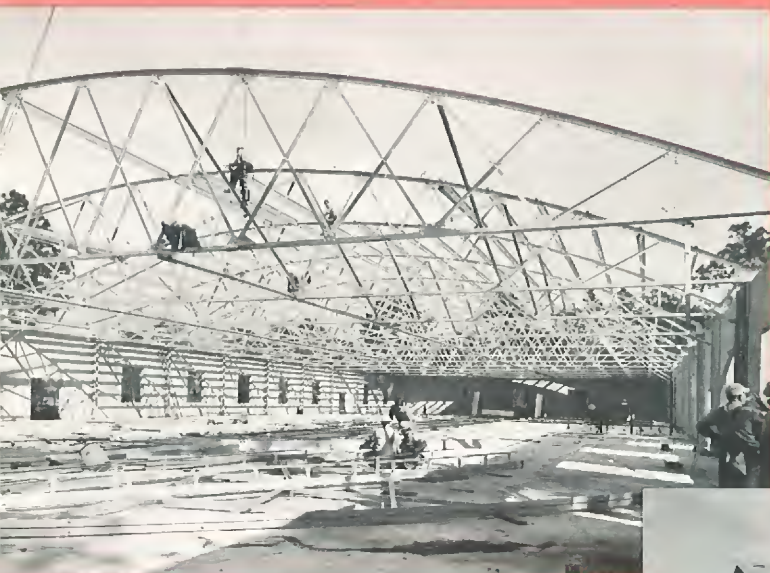
Roof trusses up to 38' 0" spans are shop welded. 40' 0" spans and over are shop riveted, using hot driven rivets. All gusset plates are 3/16" thick, minimum.



Steel framework is painted one shop coat sprayed on rust primer. Galvanized sheets are shipped unpainted. If building is field painted regularly every 2 or 3 years, material will last indefinitely.

STEEL INSURES SECURITY

IT IS SAFEST BECAUSE IT IS MORE UNIFORM IN
QUALITY THAN ANY OTHER BUILDING MATERIAL.



Mesker Riveted Steel Bowstring Trusses used to support our standard sectional 24 gauge galvanized pressed steel roofing, with masonry walls instead of steel panels.

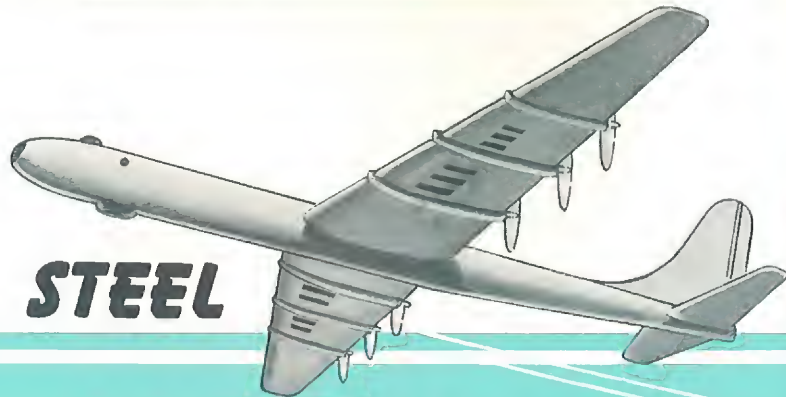
Eave trim, gable cornice and most flashings are No. 24 gauge commercial grade galvanized material. Window flashings, sills, drips and door hardware hoods are No. 20 gauge commercial grade galvanized material.





Truck loading rack, a modified Mesker building, used regularly by Ashland Oil & Refining Co., Ashland, Ky., and Indiana Farm Bureau Refinery, Mt. Vernon, Ind. Ideal for any bulk oil station.

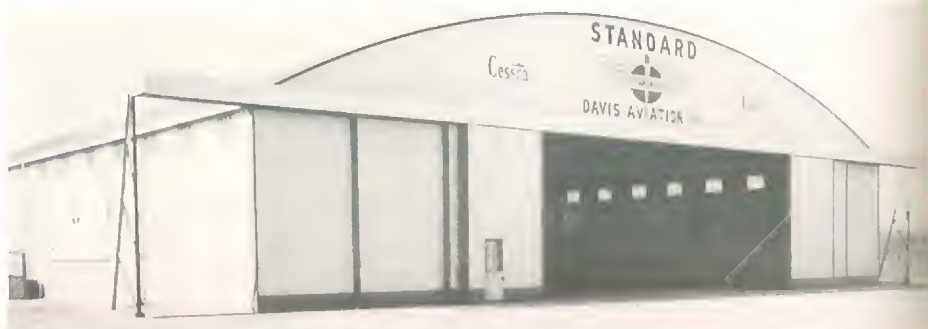
Large areas free from posts and other obstructions are easy to achieve with Mesker Prefabricated Sectional Type Steel Buildings, as this hangar photo shows.



STEEL

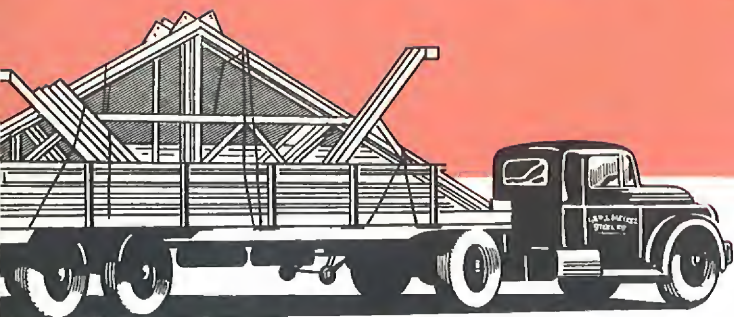
MAKES FOR SPEED

IT PERMITS HIGHEST SPEED IN CONSTRUCTION OF ALL TYPES OF BUILDINGS. STEEL WILL CARRY THE LOAD AS SOON AS ERECTED.



STEEL IS COMPACT

IT OCCUPIES LESS SPACE AND WEIGHS LESS PER UNIT OF STRENGTH THAN ANY OTHER STRUCTURAL MATERIAL.



Mesker Prefabricated Steel Buildings are ideal for practically any kind of industrial or commercial use. They can be modified in arrangement to suit your specific needs . . . flexibility found in no other type of steel building.



STEEL REDUCES FIRE RISK

AS STEEL IS INCOMBUSTIBLE, IT MINIMIZES FIRE HAZARDS.



Mesker Steel Buildings are clean-cut and neat appearing. Maintenance is negligible . . . and because they're practically fireproof, insurance cost is low.



Interior view of a large storage building, illustrating sturdy construction and excellent lighting. Note connecting corridor to existing building.

No other type of building can be constructed so quickly as a Mesker Prefabricated Sectional Type Steel Building. Economical and enduring!





STEEL WILL ENDURE

THE PROPERTIES OF STEEL
ARE PERMANENT AND ARE
FIXED SCIENTIFICALLY.

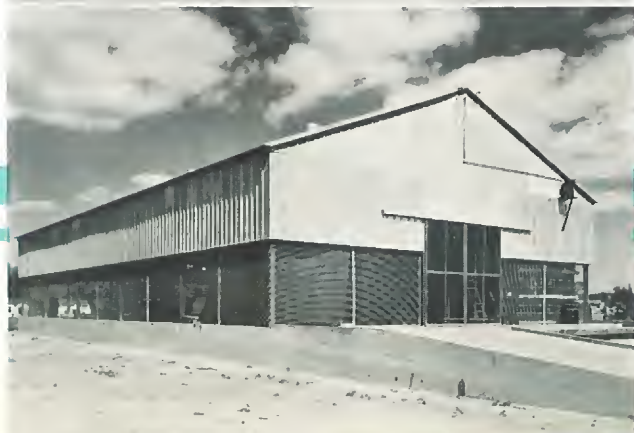
There are hundreds of uses for Mesker buildings. They are adaptable to all kinds of manufacturing and warehouse purposes. Used as salesrooms, garages, airplane hangars, machine shops, substations, bulk plants, purposes too many to mention.



This huge storage warehouse, constructed for Gunnison Homes, Inc., New Albany, Ind., 180' 0" wide by 420' 0" long. Only two rows of supporting steel columns 20' 0" apart obstruct the interior.

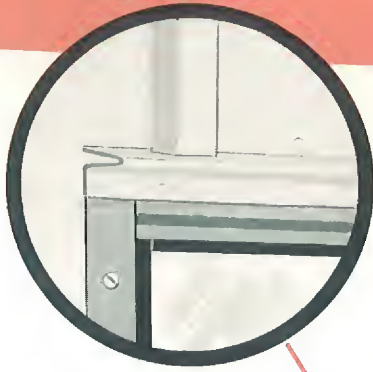


Garages, warehouses, factory buildings, machine shops, hangars, storage sheds, etc., are easily and quickly constructed the Mesker way. Buildings may be as permanent as you like, or built with the idea of later removal to other locations.



New plant of Vagabond Homes, Alexander City, Ala.

CONSTRUCTION DETAILS AND FEATURES

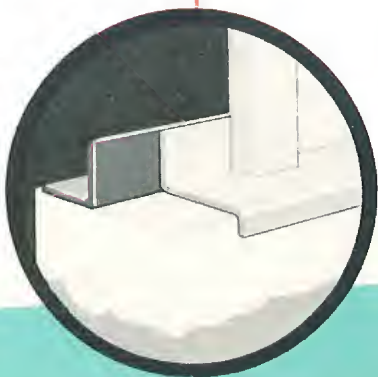


The head jamb of each window is properly flashed prior to shipment with a No. 20 gauge galvanized head drip member to insure weather tightness, and to stiffen the window opening at that point.

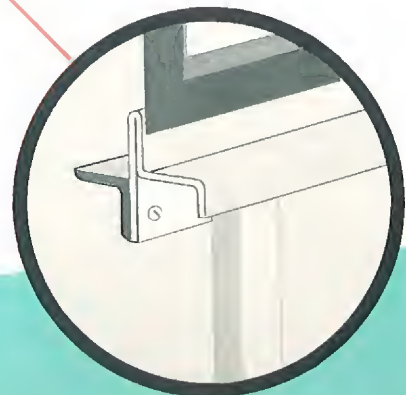
Where wall panels abutt one another a loose lap sheet of siding, pre-punched, is provided. A sill drip of No. 20 gauge galvanized material occurs at the sill of each window, also factory built into the panel.



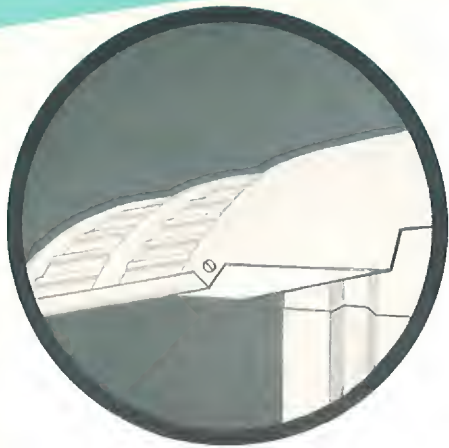
All side and end walls of Mesker Prefabricated Steel Buildings are shipped in shop assembled units (see illustration). These wall panels vary in widths from 6' 0" to 12' 0" depending upon length of building desired and spacing of roof trusses. Their height is governed by the eave height of the building you specify. Steel windows are built into the panels in their proper location prior to shipment. The panel consists of a structural steel framework to which the No. 24 gauge siding is riveted, using aluminum rivets, in our shop prior to shipment. This panel type wall construction greatly reduces field erection costs over competitive buildings which use a loose girt and galvanized steel assembly.



At top of foundation a water table type flashing is built into the panel, insuring weather tightness at that point. Wall panels are anchored into concrete foundations by means of anchor bolts. (We furnish anchor bolts and setting plans.)



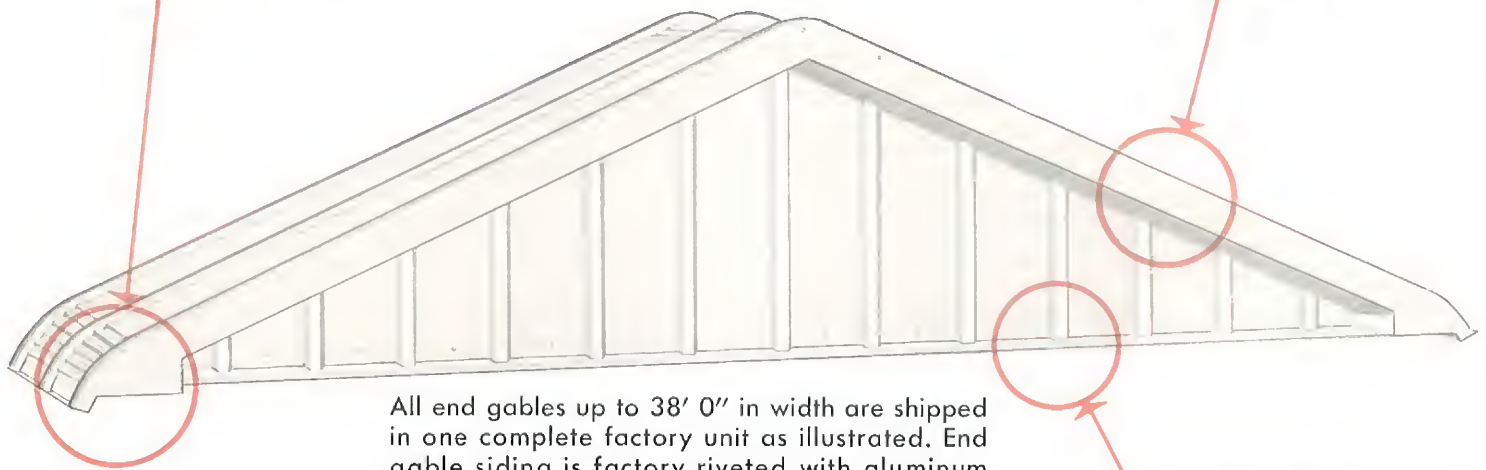
CONSTRUCTION DETAILS AND FEATURES



Eave detail showing neatly rounded eave roof sheet with soffit projecting 6" past wall of building.



Gable cornice detail showing box type gable finish which also projects 6" past end gable wall.



All end gables up to 38' 0" in width are shipped in one complete factory unit as illustrated. End gable siding is factory riveted with aluminum rivets to end gable trusses. Gable sheets are cut to correct pitch and properly punched to fit end gable box cornice in the field. Belt course at bottom of gable is factory fastened in position.



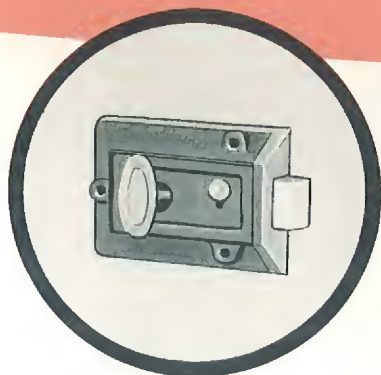
Detail showing belt course between gable ends and wall panels.



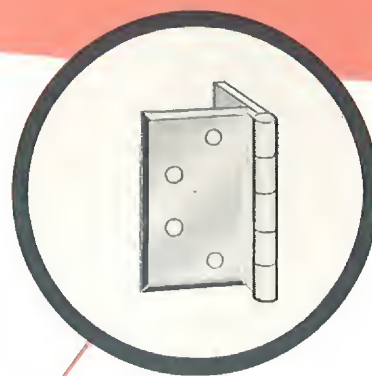
Enlarged detail of corner sheets of building, also pre-punched to fit.

Gable ends in buildings over 38' 0" in width are shipped in two sections to be bolted together at building site. In this case as many siding sheets as possible are shop applied to the end gable trusses with a few sheets in the center of the gable, properly fabricated, shipped loose to be bolted in place on the job.

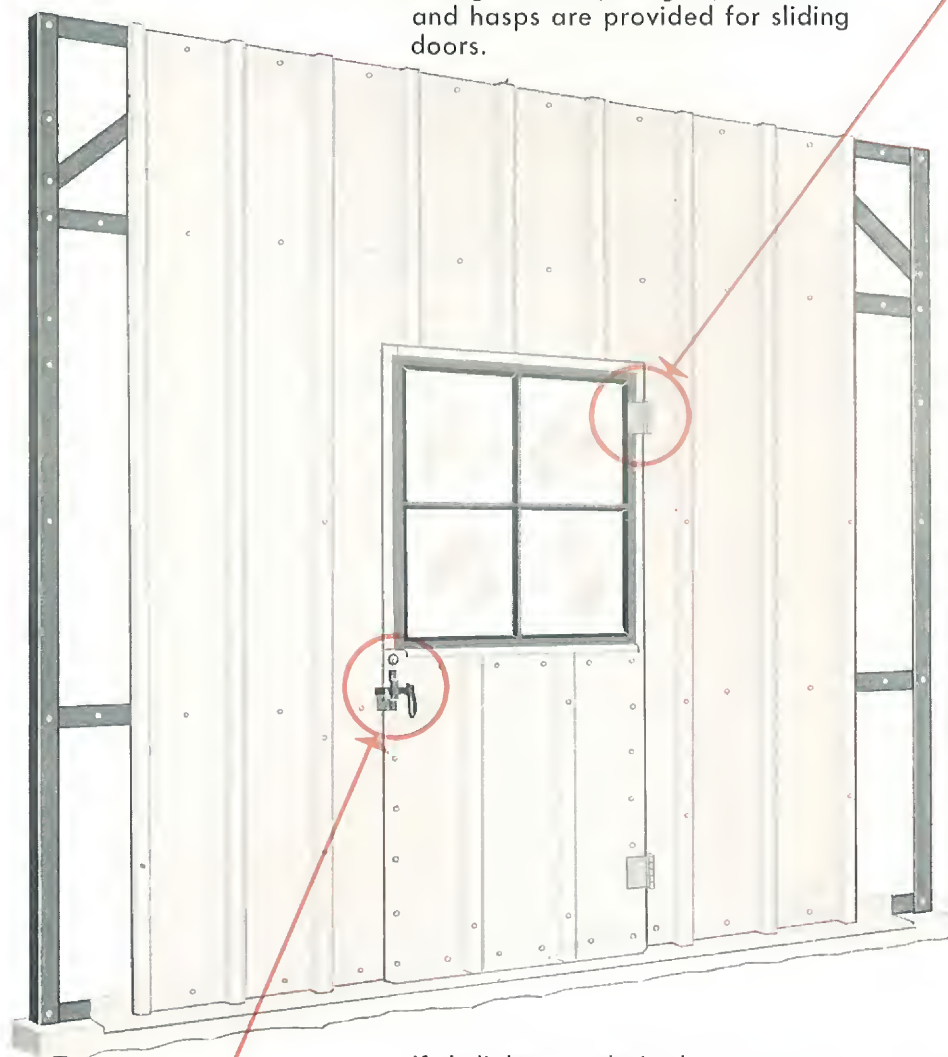
CONSTRUCTION DETAILS AND FEATURES



Standard swinging door hardware is lever latch type for locking by means of padlocks. (Padlocks by others.) Cylinder night latch hardware is available at slight extra cost.

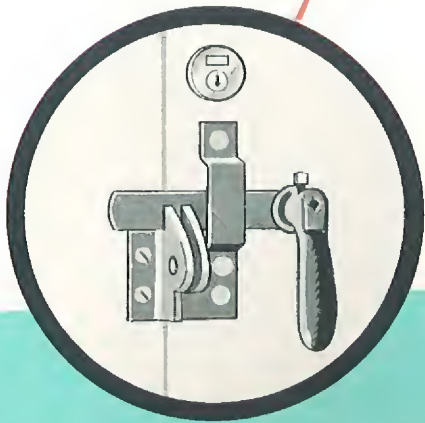


Standard surface type offset hinges are used for swinging doors. Conventional sliding door hardware consisting of tracks, hangers, cane bolts and hasps are provided for sliding doors.

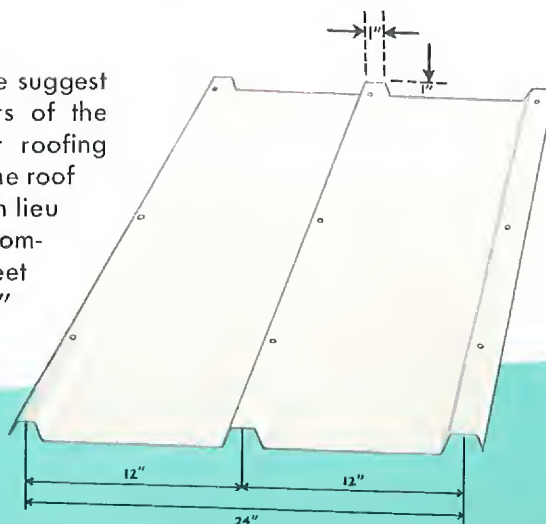


Illustrating a typical wall panel in which a hinged or swinging door is located. Such panels are constructed in the same manner as wall panels shown on page 9 with hinged door, properly flashed and with hardware applied, built into the panel prior to shipment. Sliding doors are shipped loose but with wall panels properly prefabricated to receive them at job site.

Mesker roofing is No. 24 gauge commercial grade galvanized steel with all roof clip holes factory punched prior to shipment. They are attached to roof purlins by lead washers under galvanized stove bolts which engage a standard J clip bent around purlins.



If skylights are desired we suggest translucent plastic sheets of the same profile as Mesker roofing sheets, locating them in the roof area where you desire, in lieu of a galvanized sheet. Recommended size of plastic sheet 2' 0" wide, not over 8' 0" long.



Facilities that all fit together for service . . . economy

MESKER STEEL BUILDINGS ARE
COMPLETELY PREFABRICATED
IN OUR MODERN PLANT

There's no on-the-job cutting, punching or drilling when you purchase a Mesker Prefabricated Steel Building designed to meet your specific needs. Everything you will need to complete the building comes to you ready for speedy erection.

PROMPT SHIPMENT

Mesker carries large stocks of steel building components, making prompt shipment the rule. Our plant has ample loading facilities for rail and tractor-trailer shipment, as well as a fleet of trucks and trailers for deliveries to points within 200 miles of Evansville. Wire or phone if you're in a rush — you'll get your Mesker building on time.

80 YEARS EXPERIENCE

Every Mesker steel building reflects the knowhow gained through more than 80 years experience in steel fabrication. Our engineers are highly skilled . . . alert to changing conditions and new methods which reduce cost and increase efficiency.



**Steel is your best building
buy . . . economical,
enduring, fire-safe.**

**Mesker Steel Buildings are
easy to dismantle and
move if ever necessary.**

Beam and channel stock in the
huge Mesker warehouse.

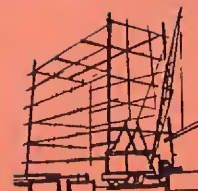
Shearer with 12-foot bed used
in cutting sheet steel.

One bay of the modern Mesker
fabricating shop.

SINCE 1879

Geo. L. Mesker Steel Corp.

400 N. W. FIRST STREET EVANSVILLE 8, INDIANA



SECTIONAL STEEL BUILDINGS

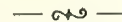
BOWSTRING STEEL TRUSSES

STRUCTURAL STEEL

MISCELLANEOUS IRON

MESKER PORTABLE ALL STEEL SKATING RINKS and FAIR ASSOCIATION BUILDINGS

HERE IS A LIGHTWEIGHT ALL STEEL
PREFABRICATED PORTABLE BUILDING
WITH OUTSTANDING ADVANTAGES.



Low Initial Cost

Prices on other side
show costs reasonable.

Easily Erected

Experienced erectors unnecessary.
Erection instructions furnished.

Fireproof

Fabricated entirely of steel hence
100% safe from fire.

Weather Tight

No roof leaks, wind or
any weather drafts.

Sturdy Construction

Maintenance cost low, and
fabricated for long life.

Portable

Rapid disassembly and hence easily
moved to other locations.

Attractive

See photos of installations, showing
neatly styled buildings.

Delivery

Mesker service always
assures prompt delivery.

— AMERICAN LEGION RINK - EVANSVILLE, INDIANA —

Mesker Portable Steel Skating Rink Buildings are substantially constructed, made up entirely of conventional rolled steel sections throughout. All structural steel conforms to the Standard Specifications of the American Society for Testing Materials for Steel for Bridges and Buildings. Serial Designation A7, as amended to date.

DESIGN

These structures are designed exactly like any building having a structural steel frame, except for reduced loadings. These buildings are not permanent type structures. They are designed primarily as a substitute for the canvas tent so commonly used in the past for skating rink purposes; dead and live loads, wind loads, and lateral forces having been given consideration. These buildings are not adaptable to regions which experience heavy snows.

COVERING

The roofing and end gables are No. 26 gauge heavily galvanized pressed steel sheets of Mesker design, held in proper positions by roof clips and cadmium plated bolts with lead washers at each bolt hole to insure water-tightness. All roofing and end gable sheets are also prefabricated with necessary holes punched in their proper location prior to shipment. No field punching is necessary. Necessary trim at eaves and ridge finish for neatness of appearance is supplied.

ERECTION

Being completely prefabricated, these buildings are shipped knocked-down, and can be hauled away by any commercial truck. No individual piece exceeds 150 pounds in weight and can thus be handled manually. Erection can be made quickly by inexperienced mechanics with common tools—wrenches, hammers, and screw drivers. No special hoisting apparatus is required. Erection drawings and instructions, identifying each piece of material and its location, are supplied with each building.

FRAMEWORK

Roof trusses supported on structural steel columns spanning the entire width of the structure are used, providing a clear unobstructed floor space. Supporting steel columns are 9'0" high. Trusses and columns are well braced laterally to resist wind pressure. Roof purlins to which roofing material is attached are channel type sections spaced about 4'0" apart. All steel framework is accurately prefabricated in jig assemblies. All members are interchangeable, so that the entire framework can be easily bolted together at the job site. Field bolts for this purpose, and anchor bolts for anchoring columns to concrete footings are supplied.

PORTABILITY

Being accurately prefabricated with interchangeable parts and arranged for field bolted connections, our buildings can be dismantled and re-erected at a new location when desired, without loss of any material whatever. Damaged bolts or roof clips are the only items that might have to be purchased if the building is moved to a new location.

QUALITY

The structural steel framework of our buildings is given one shop coat of aluminum paint prior to shipment. The galvanized iron roofing sheets are shipped unpainted. Mesker's minutely accurate perfection in fabricating these skating rink structures provides you with the most attractive building possible. You can see the workmanship in the neat finished appearance.

NOT INCLUDED

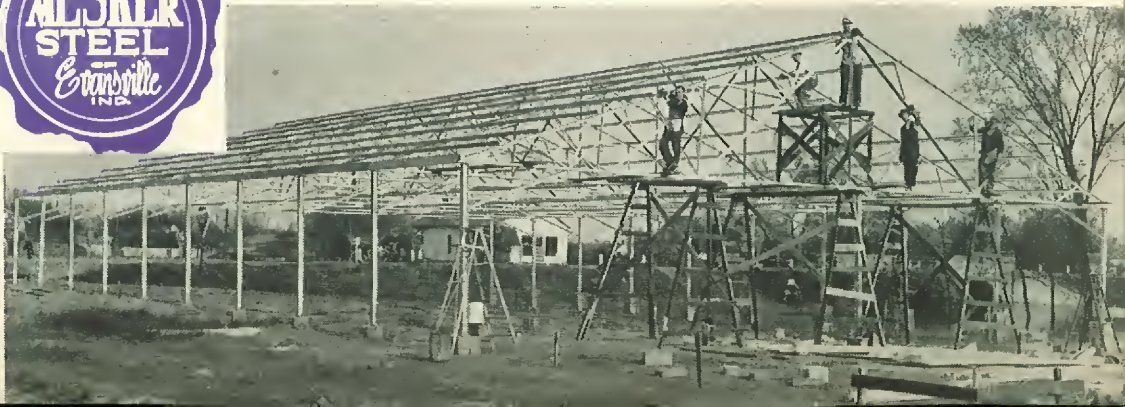
We make no effort to supply the outside wall enclosures for our buildings, leaving this matter to the ideas of the skating rink operator himself. There are many attractive ways to enclose our skating rink buildings, as you will notice from illustrations shown.

We do not include foundations, nor skating rink floor.

— STEEL FRAMEWORK BEING ERECTED —

ONLY EXPERIENCE

Only experience can prove conclusively the fine qualities of Mesker Steel Portable Skating Rinks. As leaders in this field, we can readily prove to you, as a future buyer, that this type of skating rink will be a profit-maker in a short period of time. Your solution as a progressive skating rink operator is to consider a skating rink with 100% floor space, with stability and live-long qualities, requiring a minimum of repairs—and obtainable at a minimum price.



SKATING RINK PRICE LIST

Length In Ft.	40 FOOT SPAN		50 FOOT SPAN		60 FOOT SPAN	
	Steel Framework, Roofing & End Gables	Approx. Shipping Weight	Steel Framework, Roofing & End Gables	Approx. Shipping Weight	Steel Framework, Roofing & End Gables	Approx. Shipping Weight
80	\$3,400.00	27,500#				
90	3,758.00	30,500#				
100	4,116.00	33,500#	\$5,000.00	40,900#	\$5,746.00	48,300#
110	4,474.00	36,500#	5,440.00	44,600#	6,226.00	52,450#
120	4,832.00	39,500#	5,880.00	48,300#	6,706.00	56,600#
130			6,320.00	52,000#	7,186.00	60,750#
140			6,760.00	55,700#	7,666.00	64,900#
150			7,200.00	59,400#	8,146.00	69,000#
160			7,640.00	63,100#	8,626.00	73,200#
170					9,106.00	77,350#
180					9,586.00	81,500#
190					10,066.00	85,650#
200					10,546.00	89,800#

All Prices F.O.B. Plant, Evansville, Indiana

ALUMINA PLASTIC ROOF CEMENT FOR MINOR ROOF LEAKS \$3.00 PER QUART



MOBILE ROLLER ARENA



BARLOW ROLLER RINK



Interior
View

BURDETTE PARK RINK



Interior
View

BARLOW ROLLER RINK

PARTIAL LIST OF MESKER STANDARD PORTABLE STEEL SKATING RINK INSTALLATIONS

Tri-State Roller Rink, Evansville, Ind.
Hodges Bros. Roller Rink, St. Louis, Mo.
Fox Skating Palace, Belvidere, Ill.
Fairclough Roller Rink, Sandwich, Ill.
Frankie's Amusements, Dayton, Ohio
Berryville Sports Center, Berryville, Va.
Big Top Roller Rink, Palacios, Texas

Tice Roller Rink, Montgomery, Ala.
Raymond Ziegler, Connorsville, Ind.
Burdette Park, Evansville, Ind.
Mary C. Lowe, Birmingham, Ala.
Meyer Bros. Rink, Oak Ridge, Tenn.
Wayne R. Barlow Roller Rink, Charleston, W. Va.
Roller Drome Skating Rink, Mobile, Ala.

Lone Star Roller Rink, Killeen, Texas.
T. F. Means, Connellsville, Pa.
Chester Lidster, Shelbyville, Ill.
Lory Lumber Co., Charleston, W. Va.
Rex Rohrer, Belle Plaine, Iowa.
George Welton, Cedar Lake, Ind.
J. C. Thorp, Oskaloosa, Iowa.